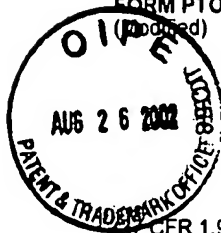


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M. C. Bach, *et al.*

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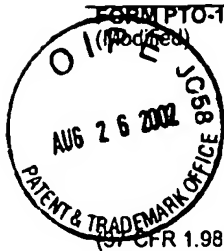
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
✓	A1	3	8	8	3	3	0	5	05/13/75	Hoskins et al.			
	A2	4	0	3	9	2	8	6	07/16/76	Keller et al.	23	230	07/16/76
	A3	4	6	7	8	7	5	2	07/07/87	Thorne et al.	435	291	11/18/85
	A4	4	6	8	3	1	9	5	07/28/87	Mullis et al.	435	6	02/07/86
	A5	4	6	8	3	2	0	2	07/28/87	Mullis	435	91	12/25/85
	A6	4	7	0	8	8	8	6	11/24/87	Nelson	422	72	02/27/85
	A7	4	7	3	7	4	6	4	04/12/88	McConnell et al.	436	43	09/26/85
	A8	4	7	7	4	0	5	5	09/27/88	Wakatake et al.	422	64	06/23/86
	A9	4	8	0	0	1	5	9	01/24/89	Mullis et al.	435	172.3	12/17/86
	A10	4	8	1	1	2	1	8	03/07/89	Hunkapiller et al.	364	413.01	06/02/86
	A11	4	9	3	5	0	4	0	06/19/90	Goedert	55	197	03/29/89
	A12	4	9	6	5	1	8	8	10/23/90	Mullis et al.	435	6	10/23/90
	A13	4	9	6	9	9	3	8	11/13/90	America	55	386	01/03/90
	A14	4	9	8	1	8	0	1	01/01/91	Suzuki et al.	435	290	05/15/85
	A15	5	0	0	8	1	8	2	04/16/91	Sninsky et al.	435	5	08/15/89
	A16	5	0	3	8	8	5	2	08/13/91	Johnson et al.	165	12	03/14/90
	A17	5	1	7	6	2	0	3	01/05/93	Larzul	165	61	07/31/90
	A18	5	2	2	9	2	9	7	07/20/93	Schnipelsky et al.	436	94	10/15/92
	A19	5	2	9	8	3	9	2	03/29/94	Atlas et al.	435	600	05/13/92
	A20	5	3	0	2	3	4	9	04/12/94	Dandliker et al.	422	82.08	03/06/90
	A21	5	3	3	3	6	7	5	08/02/94	Mullis et al.	165	12	02/22/93
	A22	5	4	1	1	8	7	6	05/02/95	Bloch et al.	435	91.2	05/27/92
	A23	5	4	3	2	0	9	6	07/11/95	Zhu	436	171	12/20/93
	A24	5	4	4	3	7	9	1	08/22/95	Calheart et al.	422	65	08/07/92
	A25	5	4	7	5	4	8	7	12/12/95	Mariella, Jr. et al.	356	336	04/20/94
	A26	5	4	7	5	6	1	0	12/12/95	Atwood et al.	364	500	04/20/92
	A27	5	4	8	0	6	1	4	01/02/96	Kamahon	422	70	03/16/94
	A28	5	4	9	8	3	9	2	03/12/96	Wilding et al.	422	68.1	09/19/94
	A29	5	5	2	5	3	0	0	06/11/96	Danssaert et al.	422	99	10/20/93
	A30	5	5	2	7	5	1	0	06/18/96	Atwood et al.	422	104	06/05/95
	A31	5	5	7	8	2	7	0	11/26/96	Reichler et al.	422	67	03/24/95
	A32	5	5	8	9	1	3	6	12/31/96	Northrup et al.	422	102	06/20/95
	A33	5	6	0	2	7	5	6	02/11/97	Atwood et al.	364	500	12/08/95
	A34	5	6	3	9	4	2	3	06/17/97	Northrup et al.	122	50	08/31/92
	A35	5	6	4	6	0	3	9	07/08/97	Northrup et al.	435	287.2	06/06/95
	A36	5	6	5	6	4	9	3	08/12/97	Mullis et al.	435	286.1	02/18/94
	A37	5	6	5	8	7	9	9	08/19/97	Choperena et al.	436	50	06/07/95
	A38	5	6	7	4	7	4	2	10/07/97	Northrup et al.	435	286.5	06/06/95
	A39	5	6	7	5	7	0	0	10/07/97	Atwood et al.	392	382	06/05/95
	A41	5	7	2	0	9	2	3	02/24/98	Haff et al.	422	68.1	08/31/94
✓	A42	5	7	3	6	3	1	4	04/07/98	Hayes et al.	435	4	11/16/95
	A43	5	7	3	6	4	1	0	04/07/98	Zarling et al.	436	172	07/07/95
	A44	5	7	3	8	9	9	7	04/14/98	Hayashi et al.	435	7.4	06/06/95
	A45	5	7	4	1	7	0	8	04/21/98	Carey et al.	436	49	06/02/95
	A46	5	7	4	6	9	7	8	05/05/98	Bienhaus, <i>et al.</i>			07/17/97

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U.S.PATENT DOCUMENTS (cont.)

EXAMINE R INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
✓	A47 5 7 7 9 9 7 7	07/14/98	Haff et al.	422	68.1	03/26/97
	A48 5 7 7 9 9 8 1	07/14/98	Danssaert et al.	422	99	04/19/96
	A49 5 7 8 6 1 8 2	07/28/98	Catanzariti, et al.	422	—	05/02/97
	A50 5 7 9 5 5 4 7	08/18/98	Moser et al.	422	104	10/23/96
	A51 5 8 0 4 3 8 4	09/08/98	Muller et al.	435	6	12/06/96
	A52 5 8 2 7 4 7 8	10/27/98	Carey et al.	422	64	10/31/96
	A53 5 8 2 7 4 8 0	10/27/98	Haff et al.	422	68.1	03/25/97
	A54 5 8 4 0 5 7 3	11/24/98	Fields	435	287.2	11/24/98
	A55 5 8 4 6 4 9 1	12/08/98	Choperena et al.	422	67	01/10/95
	A56 5 8 4 9 2 0 8	12/15/98	Hayes et al.	216	94	09/07/95
	A57 5 8 4 9 2 4 7	12/15/98	Uzan et al.	422	65	10/25/95
	A58 5 8 6 1 1 2 4	01/19/99	Hosoi et al.	422	82.08	08/29/94
	A59 5 8 6 1 2 5 6	01/19/99	Glass et al.	435	6	09/08/97
	A60 5 8 8 5 5 2 9	03/23/99	Babson et al.	422	65	06/28/96
	A61 5 8 8 5 5 3 0	03/23/99	Babson et al.	422	65	07/10/98
	A62 5 8 9 7 8 4 2	04/27/99	Dunn et al.	422	131	08/27/96
	A63 5 9 2 8 9 0 7	07/27/99	Woudenberg et al.	435	91.2	12/02/96
	A64 5 9 3 5 5 2 2	08/10/99	Swerdlow et al.	422	70	06/30/97
	A65 5 9 5 5 0 3 0	09/21/99	Petit	422	82.08	07/26/96
	A66 5 9 5 5 3 5 1	09/21/99	Gerdes et al.	435	287.2	07/12/96
	A67 5 9 5 8 3 4 9	09/28/99	Petersen et al.	422	198	02/28/97
	A68 5 9 7 2 7 1 6	10/26/99	Ragusa et al.	436	172	12/05/95
✓	A67 5 9 8 5 2 1 7	11/16/99	Krulevitch et al.	422	99	11/16/99
	A68 5 8 2 4 4 7 7	10/20/98	Stanley	435	6	04/01/96



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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION	
		YES	NO											
16	B1	0	4	8	8	7	6	9	29.04.98	EP	C12Q	1/68		
	B2	0	7	2	3	8	1	2	31.07.96	EP				
	B3	0	7	4	4	0	2	3	20.08.97	EP	G01N	27/447		
	B4	0	8	1	0	0	3	0	03.12.97	EP	B01L	7/00		
	B5	0	8	1	2	6	2	1	17.12.97	EP	B01L	7/00		
	B6	0	8	3	1	3	3	0	25.03.98	EP				
	B7	0	1	6	4	8	7	6	18.12.85	EP	C12Q	1/68		
	B8	9	8	0	0	5	6	2	08.01.98	WO	C12Q	1/68		
	B9	9	8	4	4	1	0	0	08.10.98	WO	C12N	15/10		

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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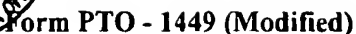
Helene Hahn

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